

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Applicati n Number	09/998,551	
			Filing Date	November 29, 2001	
			First Named Inventor	Bryce P. Nelson	
			Gr up Art Unit	1631	
Sheet	1	of	1	Examiner Name	Unknown
				Attorney Docket Number	09820.155

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
<i>W</i>		6 579 726	B1	NATAN et al.	06-17-2003	
<i>W</i>		6 537 749	B2	KUIMELIS et al.	03-25-2003	
<i>M</i>		6 228 580	B1	BLUMENFELD et al.	05-08-2001	
<i>W</i>		6 060 237	A	NYGREN et al.	05-09-200	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T

Examiner Signature	<i>Dee Li</i>	Date Considered	12/10/03
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Substitute for form 1449A/PTD

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Sheet 1 of 3

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Application Number 09/998,551

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First Named Inventor Bryce P. Nelson

Group Art Unit 1631

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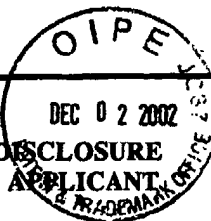
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U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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U		5,374,563	A	Maule	12-20-1994	
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		Office	Number	Kind Code (if known)				
06		EPO	0 305 108	A2	Ohta et al.	03-01-1989		

Examiner Signature	<i>[Signature]</i>	Date Considered	12/10/03
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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<i>Al</i>		AMANN et al. (1990) Fluorescent-Oligonucleotide Probing of Whole Cells for Determinative, Phylogenetic, and Environmental Studies in Microbiology, <i>J. Bacteriol.</i> 172:762-770	
<i>Al</i>		ANDERSON et al. (2000) Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping, <i>Anal. Chem.</i> 72:3158-3164	
<i>M</i>		BROCKMAN et al. (1999) A Multistep Chemical Modification Procedure to Create DNA Arrays on Gold Surfaces for the Study of Protein - DNA Interactions with Surface Plasmon Resonance Imaging, <i>J. Am. Chem. Soc.</i> 121:8044-8051	
<i>M</i>		BROCKMAN et al. (2000) Surface Plasmon Resonance Imaging Measurements of Ultrathin Organic Films, <i>Ann. Rev. Phys. Chem.</i> 51:41:63	
<i>Al</i>		DUFFY et al. (1998) Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane) <i>Anal. Chem.</i> 70:4974-4984	
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<i>Al</i>		FODOR (1997) <i>Science</i> 277:393-395	
<i>M</i>		FRUTOS et al. (1997) Demonstration of a word design strategy for DNA computing on surfaces, <i>Nucleic Acids Res.</i> 25:4748-4757	
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		JO et al. (2000) Three-Dimensional Micro-Channel Fabrication in Polydimethylsiloxane-(PDMS) Elastomer, <i>Microelectrochemical Systems</i> 9:76-81	
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<i>Me</i>	LOCKHART, et al. (1996) Expression monitoring by hybridization to high-density oligonucleotide arrays, <i>Nature Biotechnology</i> 14:1675-1680	
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<i>Me</i>	SILIN & PLANT (1997) Biotechnological applications of surface plasmon resonance, <i>Trends in Biotechnol.</i> 15	
<i>Me</i>	STROTHER et al. (2000a) Covalent attachment of oligodeoxyribonucleotides to amine-modified Si (001) surfaces, <i>Nucleic Acids Research</i> 28:3535-3541	
<i>Me</i>	STROTHER et al. (2000b) Synthesis and Characterization of DNA-Modified Silicon (111) Surfaces, <i>J. Am. Chem. Soc.</i> 122:1205-1209	
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<i>Me</i>	THOMAS et al. (1995) Probing Adhesion Forces at the Molecular Scale, <i>J. Am. Chem. Soc.</i> 117:3830-3834	
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